Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Friday 09 Dec 2022 until 23:59 on Saturday 10 Dec 2022

Forecast Issued on Friday 09 Dec 2022 at 00:03

Confidence: High for cold conditions continuing but lower regarding distribution of any showers and, especially Saturday morning, cloud details

Headline for Friday 09 Dec 2022: Cold but mostly dry with some good spells of sunshine. Winds easing

Mountain weather hazards on Friday 09 Dec 2022

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Medium Likelihood	**Poor visibility** No Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Clear night	Sunny	Cloudy	Cloudy	Cloudy	Cloudy
Precipitation probability					
00%	00%	<05%	10%	20%	30%

Forecast for Friday 09 Dec 2022

Weather: Rather cloudy with a few snow showers at first but cloud clearing from the north, perhaps a few low level mist or freezing fog patches developing. Then a frosty start to a dry bright day with some good spells of sunshine. Western hills expected to become cloudier in the afternoon with a few mainly light snow showers possible.

Chance of cloud-free hill tops above 600m: Close to 100%, falling to around 60% in the afternoon in west

Low cloud and visibility: Little or no cloud expected below the summits through the morning but occasional or periods of cloud developing over western hills in the afternoon. Away from cloud visibility very good or excellent but a kilometre or less in any early low level mist and freezing fog and perhaps briefly in any snow showers.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Mountain Weather Forecast

Forecast for Friday 09 Dec 2022

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	7/11 W	10/16 W	12/17 W	11/15 W	11/15 SW	11/15 W	11/16 SW
300	4/6 NW	5/8 SW	6/10 W	7/11 W	7/10 SW	6/9 SW	6/9 SW
Valley	2/6 NE	2/6 S	2/7 SW	3/8 SW	3/7 SW	3/7 SW	3/7 S

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-2/-6	-2/-8	-2/-8	-2/-8	-2/-8	-3/-8	-3/-8
300	-1/-3	-1/-4	-0/-4	-0/-4	-0/-4	-1/-4	-1/-4
Valley	-3/-5	-3/-5	-0/-2	-0/-2	-1/-3	-0/-2	-0/-3
Freezing Level*	00m	00m	100m	200m	300m	200m	200m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A cold day with frozen surfaces persisting at all but the lowest levels.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Fri 09 Dec 2022	0.2mm	0.4mm	0.6mm

Forecast for Saturday 10 Dec 2022

Weather: Risk of snow showers, especially across western hills overnight. Then a rather cloudy start with a few snow showers around but becoming brighter with sunny spells developing and most places dry.

Maximum wind: Variable less than 10mph.

Chance of cloud-free hill tops above 600m: 30% at first, otherwise around 80%.

Low cloud and visibility: Occasional cloud above 450-600m at first, otherwise cloud occasional around 600m. Away from the cloud visibility very good but perhaps a kilometre or less in snow showers, especially overnight.

Temperature: **Valleys:** Around minus 2 or 3 Celsius overnight rising to 2 or 3 Celsius by day
At 600m: Around minus 3 Celsius
Freezing level: Frozen surfaces persisting through the day at all but the lowest levels

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